

## DIRECTOR

### ENVIRONMENTAL HEALTH SCIENCES CENTER OREGON STATE UNIVERSITY

Oregon State University invites nominations and applications for the position of Director of the Environmental Health Sciences (EHS) Center. Funded by an NIEHS Center grant of approximately \$1 million in annual direct costs, this 34-year-old Center is internationally recognized for expertise and research programs of 25 EHS Center faculty members. The EHS Center is a national resource for multidisciplinary approaches to problems in human environmental health. Details on this EHS Center's activities are available on its website at <http://www.ehsc.orst.edu>. The Director will hold a 1.00 FTE twelve-month appointment (0.60 FTE as director; 0.40 FTE in an academic department) with a nine-month tenure commitment at the rank of professor within an academic department and college that is appropriate to the appointee's background.

We are looking for a well-established scientist to provide scientific and administrative leadership for the EHS Center within the policies of NIEHS and Oregon State University. A distinguished record of scholarly accomplishment and leadership is required for continued program development and EHS Center support. The Director must hold an M.D. or Ph.D. degree in physical or life science and have research and teaching experience related to environmental health sciences.

Nominations should include name and address of the nominee and a letter addressing the qualifications of the individual. Applicants should submit a letter of interest and a resume, and request three letters of reference be sent to:

Dr. Lawrence R. Curtis, Chair  
EHS Center Director Search Committee  
Department of Environmental and Molecular Toxicology  
Oregon State University  
1007 ALS Building  
Corvallis OR 97331-7301  
E-mail: [Larry.Curtis@orst.edu](mailto:Larry.Curtis@orst.edu)

Review of applicants will begin on April 16, 2001, and the position shall remain open until filled. The position is available July 1, 2001.

OSU is an AA/EEO employer and has a policy of being responsive to dual-career needs.

## Environmental Scientist

The San Francisco office of the Natural Resources Defense Council, a national nonprofit environmental organization, seeks an MPH Scientist with at least two years' experience in a related field to work on children's environmental health issues (focus on toxic air pollutants and possibly contaminants in food). Also should be familiar with policy issues and comfortable with being a strong advocate for public health. Data analysis and database management skills a plus. Compensation commensurate with experience and education, excellent benefits and working environment. NRDC is an equal opportunity employer committed to workplace diversity. Resume, writing sample and salary requirements to: NRDC Dept GD, 71 Stevenson, Suite 1825 SF CA 94105; fax (415-495-5996) or email [gderita@nrdc.org](mailto:gderita@nrdc.org). No phone calls.

### Faculty position, genetic polymorphism and cancer:

The **Tulane Cancer Center** and the Department of Environmental Health Sciences are seeking candidates for a tenure-track appointment at the Assistant Professor level. Candidates with research interests in molecular genetics as it applies to genetic polymorphism and cancer, or molecular biology studies of relevance to the influence of the environment on cancer are preferred. The successful candidate will be provided with an excellent research environment and startup resources and will be expected to participate in teaching of graduate students within the department. Submit applications, including curriculum vitae and summary of research interests with a relevance statement, and arrange for three letters of recommendation to: Dr. Prescott Deininger, Tulane Cancer Center, SL-66, Tulane University Health Sciences Center, 1430 Tulane Avenue, New Orleans, LA 70112. The position will remain open until filled by a qualified candidate. Tulane University is an affirmative action/equal opportunity employer.

PENNSSTATE



College of  
Medicine

### ENVIRONMENTAL EPIDEMIOLOGIST

Department of Health Evaluation Sciences, The Pennsylvania State University College of Medicine, located in Hershey, PA, seeks applicants for a tenure-track Assistant Professor position co-funded by The Pennsylvania State University Environmental Consortium. This individual will collaborate in ongoing epidemiological studies of air pollution and human health effects and is expected to develop externally funded research projects in environmental epidemiology. Applicants should have a Ph.D. in Epidemiology or MD and MPH in environmental epidemiology and a strong record of research in environmental epidemiology, including publications in peer-reviewed journals. Priority will be given to applicants with demonstrated ability to integrate pollution assessment, biology, pathophysiology, toxicology, and epidemiology.

The Department has 15 doctorate-level faculty members in epidemiology, biostatistics, and health services research. The Department also provides excellent support staff in administration, statistical programming, data management, and research computing, and provides an excellent computing environment with a network of PCs and Sun workstations. Position is available July 2001. Applications, including a cover letter, detailed CV, and three reference letters, should be directed to: Diane Pappas, Pos # E-9849, Code EE, Department of Health Evaluation Sciences, 400 Censerview Dr., Mail Code A210, P.O. Box 850, Hershey, PA 17033-8855. Resumes accepted until position is filled.

Penn State is committed to affirmative action, equal opportunity and the dignity of its workforce. For your health, Hershey Medical Center is a smoke-free campus.

# DIRECTOR



## Marine/Freshwater Biomedical Sciences Center

**Oregon State University (OSU)** in Corvallis, OR, seeks a Director for its Marine/Freshwater Biomedical Sciences Center. This NIEHS-supported Center comprises a number of investigators representing three Colleges at OSU and two other Universities. The Center's mission is to foster creative scientific activity among a diverse faculty that share a common interest in the development of the rainbow trout and other aquatic species for the study of carcinogenesis and its modulation by dietary and environmental factors and the chemistry and pharmacology of bioactive natural products from marine sources. The appointee will direct a vigorous, externally-funded research program and will organize multi-investigator research initiatives that build upon existing strengths and pursue new opportunities. The Director serves under the Vice Provost for Research and directs an administrative and technical staff that provides research facilities and services for the Center. Professorial rank will be assigned depending upon qualifications. Salary and start-up package will be competitive and commensurate with the appointee's experience and qualifications. OSU, a Land, Sea and Space Grant University, is ranked as a Carnegie Doctoral/Research-Extensive institution.

**Minimum Qualifications:** Ph.D. in biological, biochemical, biomedical, toxicological or environmental sciences discipline; a distinguished record of scientific publications and evidence of scientific impact (citations and awards); evidence of leadership and experience in leading complex multidisciplinary programs; proven history of extramural funding through federal, foundation, and/or industry grants; and evidence of ability to communicate and interact effectively with colleagues, University administrators, students and the public.

To apply, send a complete curriculum vitae, statement of research interests, and the names, addresses and phone numbers of four references to: Professor Paul Jepson, Chair, MFBSC Search Committee, Integrated Plant Protection Center, Cordley Hall, Oregon State University, Corvallis, OR 97331. Phone: (541) 737-4733; Fax: (541) 737-3643; E-mail [jepsonp@bcc.orst.edu](mailto:jepsonp@bcc.orst.edu).

**Closing Date:** To ensure full consideration, all application materials must be received by April 1, 2001. Oregon State University is an Equal Employment/Affirmative Action Employer.



**St. Jude Children's  
Research Hospital**

ALSAC • Danny Thomas, Founder

## POSTDOCTORAL POSITIONS

A Postdoctoral position is available for those who wish to use their skills and determine the biological and physiological function and regulation of two novel members of the ABC transporter family. Candidates will use contemporary approaches in molecular and cell biology to expand current knowledge of the function and regulation of these genes in cell survival and drug resistance. The ideal candidate will have a strong background in molecular biology and cell culture. Applicants should have obtained a PhD and/or MD. Please submit your curriculum vitae, reprints and names of three references to:

**Dr. John Schuetz**  
St. Jude Children's  
Research Hospital  
332 N. Lauderdale  
Memphis, TN 38105  
E-mail:  
[john.schuetz@stjude.org](mailto:john.schuetz@stjude.org)

Equal Opportunity  
Employer

## UNIVERSITY OF MIAMI

### NIH-NRSA Postdoctoral Trainee Positions in Marine Biomedical Sciences

Positions are available immediately, and are renewable for up to three years based on satisfactory performance and NRSA eligibility. Applicants must be U.S. citizens or permanent residents. Stipend is set by NIH depending on number of years since the Ph.D., starting at \$26,916. Priority given to applicants just finishing or recently receiving their Ph.D. All applicants whose research interests match center research themes will be considered (see <http://www.niehs.nih.gov/centers/center/mia-ctr.htm> and <http://www.rsmas.miami.edu/groups/niehs/postdoc.html>), but we particularly seek applicants in the areas of aquatic toxin effects on ion channels, biosynthesis of natural products, and epidemiology of marine toxin-related diseases. Send curriculum vitae, transcripts (unofficial okay) of undergraduate and graduate education, and three letters of recommendation using the form available at web site: <http://www.as.miami.edu/rgawley/NRSA-Ref-T32.pdf> to: Professor Robert E. Gawley, Department of Chemistry, University of Miami, P.O. Box 249118, Coral Gables, Florida 33124. The University of Miami is an equal employment opportunity employer.

## NIEHS Laboratory of Molecular Carcinogenesis

### Molecular Toxicology and Carcinogenesis (HNV 00-23)

A postdoctoral position is available in the Molecular Toxicology Group to investigate molecular alterations and gene expression changes during liver and lung chemical carcinogenesis in mouse models. Particular emphasis is on oxidative stress mechanisms involved following treatment with nongenotoxic carcinogens. Current projects include cDNA microarray analysis on livers after carcinogenic doses of nongenotoxic carcinogens, related studies on markers of oxidative stress, and studies on the role of beta-catenin and Wnt signaling in mouse liver carcinogenesis. The overall work environment is highly interactive, and there are excellent analytical and other support services. Extensive experience in molecular biology and biochemistry is required. Applicants must have a Ph.D.

Applicants must not possess more than five years of postdoctoral experience. To apply, submit a cover letter, curriculum vitae, bibliography, and names of three references to the hiring scientist at the corresponding laboratory and mail drop in care of NIEHS, PO Box 12233, Research Triangle Park, NC 27709 USA. The cover letter should include the position title and HNV number. The NIEHS is an equal opportunity employer.

**Contact:** Theodora R. Devereux, Laboratory of Molecular Carcinogenesis, MD D4-04, 919-541-3241, fax: 919-316-4620, e-mail: [devereux@niehs.nih.gov](mailto:devereux@niehs.nih.gov)

## NIEHS Laboratory of Signal Transduction

### Ion Channel Regulation By Signal Transduction Pathways (HNV 00-22)

Postdoctoral positions available to investigate ion channel regulation by signal transduction pathways at the molecular level. Projects are available involving calcium and potassium selective channels in diverse cell types from the neuroendocrine and cardiovascular systems and range from structure/function studies of cloned channels to the role of environmental toxicants in degenerative diseases of the aging brain. Candidates must hold a Ph.D. or M.D. and publications demonstrating expertise in the application of molecular biology or patch clamp techniques to cell signaling or ion channel structure/function.

Applicants must not possess more than five years of postdoctoral experience. To apply, submit a cover letter, curriculum vitae, bibliography, and names of three references to the hiring scientist at the corresponding laboratory and mail drop in care of NIEHS, PO Box 12233, Research Triangle Park, NC 27709 USA. The cover letter should include the position title and HNV number. The NIEHS is an equal opportunity employer.

**Contact:** David L. Armstrong, Laboratory of Signal Transduction, MD F3-06, 919-541-0062, fax: 919-541-1898, e-mail: [armstro3@niehs.nih.gov](mailto:armstro3@niehs.nih.gov)

**NIEHS** Laboratory of  
Experimental Pathology**Molecular Pathology (HNV 00-20)**

The focus of our laboratory is to extend the evaluation of environmental chemicals in rodent models from the cellular to the molecular level for both noncancer and cancer end points. The basis for this research is to provide a mechanistic understanding of the toxicologic or carcinogenic response in rodents and to provide a biologically based interpretation of its relevance to humans, and where applicable incorporate animal models of human disease. In noncancer research, our laboratory focuses on mechanisms of neuropathology and atherosclerosis, and in cancer research the focus is on mutations of oncogenes and tumor suppressor genes in rodent and human tumors. We are interested in a molecular biologist/toxicologist/pathologist with a background in medical sciences and with experience in PCR, RNA, and DNA analysis (other molecular techniques are desirable, as well). Excellent resources, numerous rodent samples and opportunities for collaboration are available.

Applicants must not possess more than five years of postdoctoral experience. To apply, submit a cover letter, curriculum vitae, bibliography, and names of three references to the hiring scientist at the corresponding laboratory and mail drop in care of NIEHS, PO Box 12233, Research Triangle Park, NC 27709 USA. The cover letter should include the position title and HNV number. The NIEHS is an equal opportunity employer.

**Contact:** Robert C. Sills, Laboratory of Experimental Pathology, MD A3-06, 919-541-0180, fax: 919-541-4714, e-mail: sills@niehs.nih.gov

**NIEHS** Laboratory of  
Pharmacology and Chemistry**Free Radical Metabolite Group (HNV 00-19)**

One or more postdoctoral positions in the biological ESR group are open immediately with a salary of \$28,000 or more depending on experience. Health insurance is included. Studies of protein-derived tyrosyl and tryptophanyl radicals and of nitric oxide in humans are currently active. *In vitro* and *in vivo* investigations of free radical metabolites of toxic chemicals and drugs are also active. Individuals with a background in ESR or immunology are invited to apply.

The applicant must have a Ph.D., or M.D. and not possess more than five years of postdoctoral experience. To apply, submit a cover letter, curriculum vitae, bibliography, and names of three references to the hiring scientist at the corresponding laboratory and mail drop in care of NIEHS, PO Box 12233, Research Triangle Park, NC 27709 USA. The cover letter should include the position title and HNV number. The NIEHS is an equal opportunity employer.

**Contact:** Ronald P. Mason, Laboratory of Pharmacology and Chemistry, MD FO-01, 919-541-3910, fax: 919-541-1043, e-mail: mason4@niehs.nih.gov

**NIEHS** Laboratory of Computational  
Biology and Risk Analysis**Toxicokinetic Modeling (HNV 00-17)**

A Postdoctoral IRTA Fellow position is open in the Laboratory of Computational Biology and Risk Analysis, Toxicokinetic Modeling Section of the Division of Intramural Research at the NIEHS. The incumbent will do research on the development and validation of biologically based dose-response models that can be used to characterize human risks associated with exposure to hazardous environmental agents.

Candidates must be a U.S. citizen or permanent resident of the United States. Candidates with doctoral or equivalent degrees in pharmacology, toxicology, statistics, and mathematical modeling or closely related fields with up to six years postdoctoral research experience will be considered. Previous experience with physiological or biochemical modeling will be extremely beneficial. To apply, submit a cover letter, curriculum vitae, bibliography, and names of three references to the hiring scientist at the corresponding laboratory and mail drop in care of NIEHS, PO Box 12233, Research Triangle Park, NC 27709 USA. The cover letter should include the position title and HNV number. The NIEHS is an equal opportunity employer.

**Contact:** Ronald L. Melnick, Laboratory of Computational Biology and Risk Analysis, MD A3-06, 919-541-4142, fax: 919-541-1479, e-mail: melnickr@niehs.nih.gov

**NIEHS** Laboratory of  
Toxicology**Study of Environmental Mixtures Using Alternative Species (HNV 00-16)**

Studies involve interactions and biological significance of complex mixtures that are toxic to natural aquatic species. The objective is to identify mechanisms and factors that may potentiate the adverse effects of some environmental exposures and determine the relevance to other species and/or humans. The project is complex and will require a variety of analytical methodologies (molecular biology, biochemistry) as well as a combination of *in vivo* (amphibians and teleosts) and *in vitro* model systems. This position is open to citizens or permanent residents of the U.S. having a Ph.D. or M.D. degree.

Applicants must not possess more than five years of postdoctoral experience. To apply, submit a cover letter, curriculum vitae, bibliography, and names of three references to the hiring scientist at the corresponding laboratory and mail drop in care of NIEHS, PO Box 12233, Research Triangle Park, NC 27709 USA. The cover letter should include the position title and HNV number. The NIEHS is an equal opportunity employer.

**Contact:** James Burkhart, Laboratory of Toxicology, MD C1-08, 919-541-3280, fax: 919-541-3137, e-mail: burkhart@niehs.nih.gov

**NIEHS** Laboratory of  
Molecular Carcinogenesis**Mammary Gland Biology & Neoplasia (HNV 00-13)**

A postdoctoral position is available in the Hormones & Cancer Group to investigate the regulation of normal growth and patterning of the mammary gland and pathways that contribute to the formation of neoplasms in this organ. Particular emphasis is given to growth factors and other signaling components that may influence breast cancer risk or the progression of early stages of breast tumor development. Current projects include studies of the fundamental properties of ErbB, IGF-1R, and Wnt in the mammary gland and how these proteins are influenced by endocrine hormones. The overall work environment is highly interactive and there are excellent analytical and animal support services. The candidate should be highly motivated and have good communication skills. Extensive experience in molecular or cell biology and cell culture techniques is highly desirable.

Applicants must not possess more than five years of postdoctoral experience. To apply, submit a cover letter, curriculum vitae, bibliography, and names of three references to the hiring scientist at the corresponding laboratory and mail drop in care of NIEHS, PO Box 12233, Research Triangle Park, NC 27709 USA. The cover letter should include the position title and HNV number. The NIEHS is an equal opportunity employer.

**Contact:** Richard P. DiAugustine, Laboratory of Molecular Carcinogenesis, MD D4-04, 919-541-3218, fax: 919-541-4704, e-mail: diaugus2@niehs.nih.gov

**NIEHS** Laboratory of  
Structural Biology**Mass Spectrometric Characterization of Proteins (HNV 00-8)**

A position is available to study the application of mass spectrometry to protein structure analysis, including tertiary structure, protein complexes, and post-translational modifications. Candidates should have a Ph.D. in analytical chemistry (mass spectrometry), biochemistry (protein chemistry), or a related discipline.

Applicants must not possess more than five years of postdoctoral experience. To apply, submit a cover letter, curriculum vitae, bibliography, and names of three references to the hiring scientist at the corresponding laboratory and mail drop in care of NIEHS, PO Box 12233, Research Triangle Park, NC 27709 USA. The cover letter should include the position title and HNV number. The NIEHS is an equal opportunity employer.

**Contact:** Kenneth B. Tomer, Laboratory of Structural Biology, MD F0-03, 919-541-1966, fax: 919-558-7063, e-mail: tomer@niehs.nih.gov

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